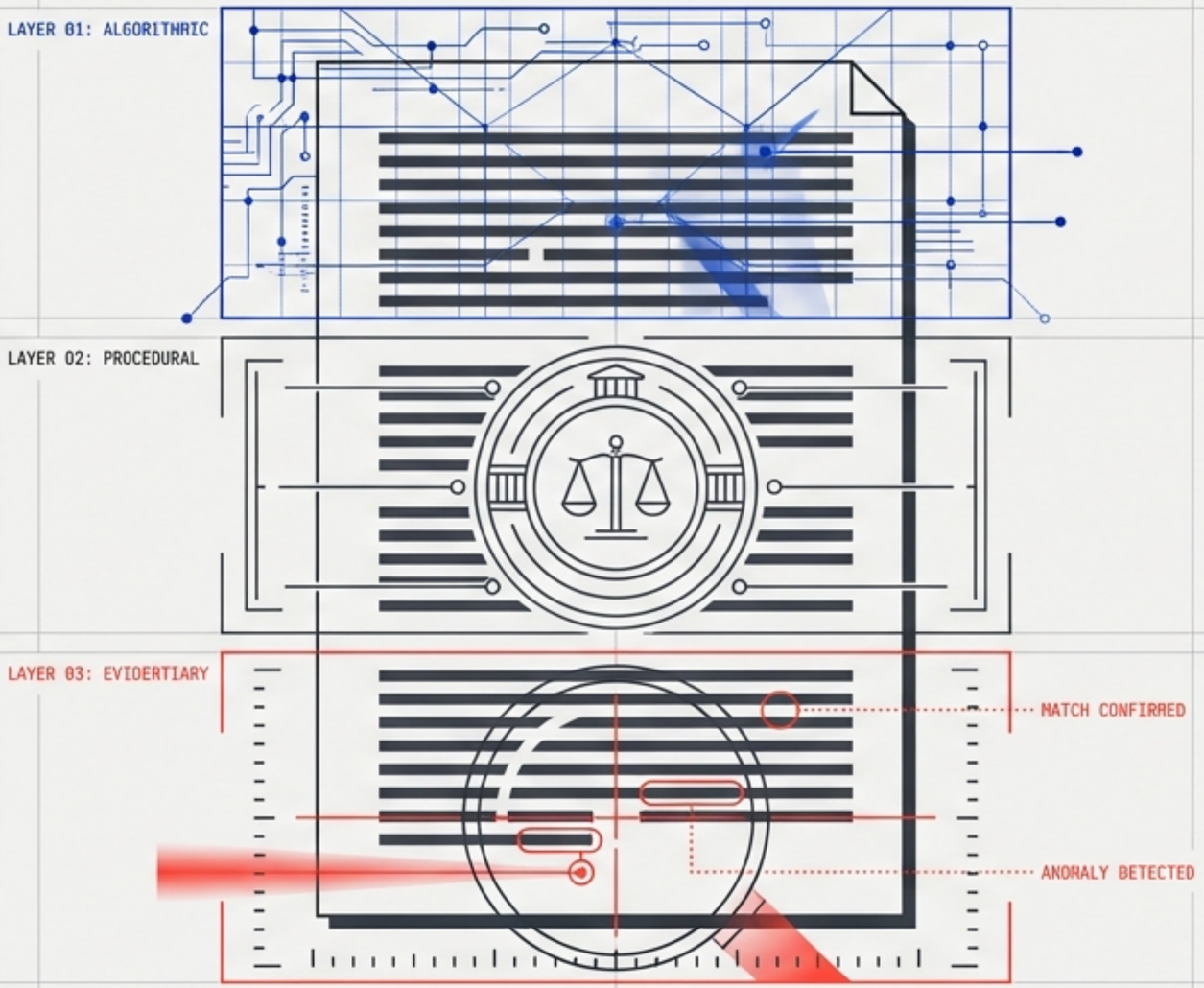
The Jurisprudence of Submitted Text

Algorithmic Governance, Forensic Evidence, and Legal Frameworks in 2026



STATUS REPORT // JANUARY 2026

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Text has evolved from communication to verifiable forensic evidence.

In 2026, the 'submission' of text—whether academic, legal, or diplomatic—triggers an automated chain of custody involving forensic analysis, probability scoring, and regulatory compliance.

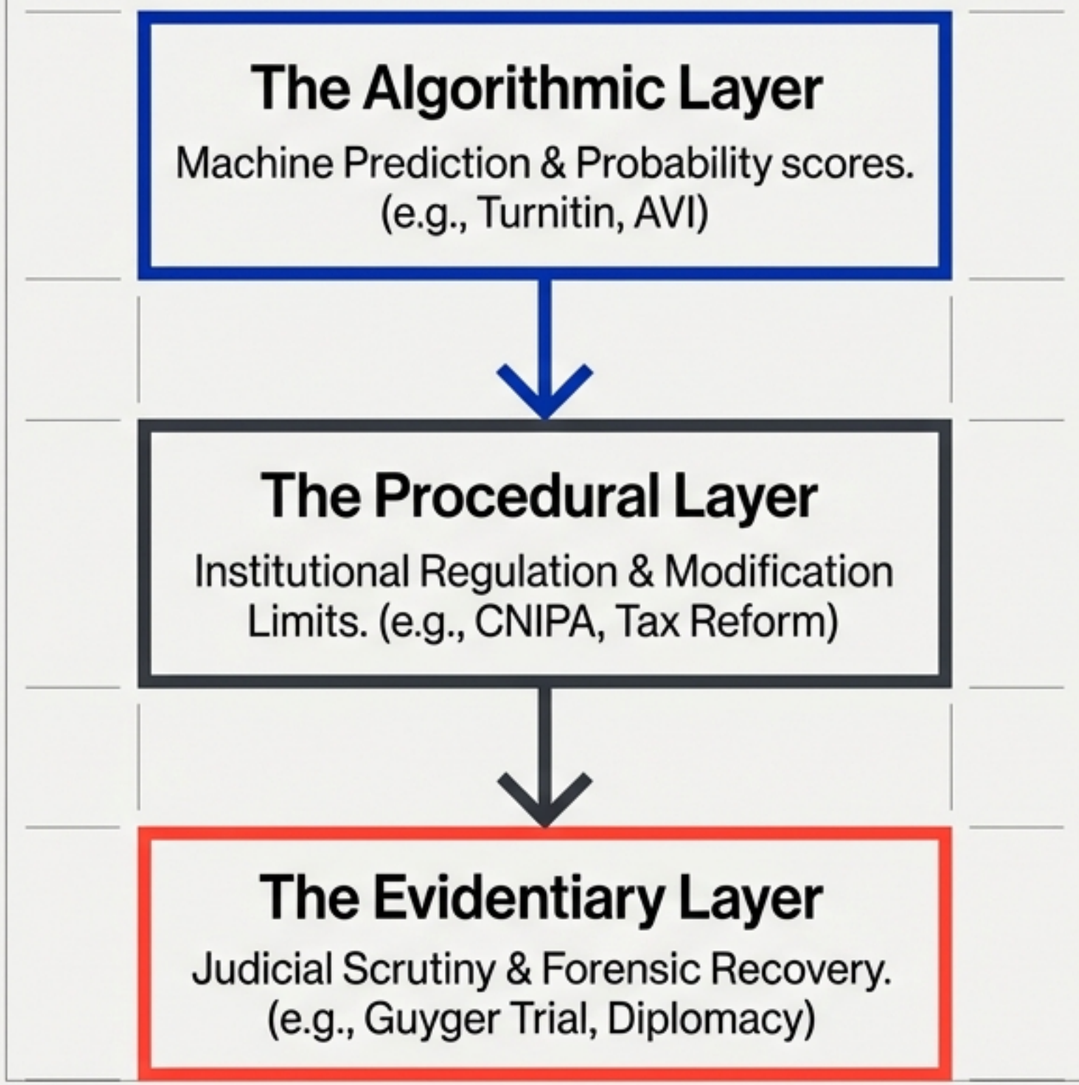
2 Billion

Student submissions scanned annually

15%

False positive rate in AI detection

THE ALGORITHMIC JURISPRUDENCE FRAMEWORK


The Algorithmic Layer
Machine Prediction & Probability scores. (e.g., Turnitin, AVI)
The Procedural Layer
Institutional Regulation & Modification Limits. (e.g., CNIPA, Tax Reform)
The Evidentiary Layer
Judicial Scrutiny & Forensic Recovery. (e.g., Guyger Trial, Diplomacy)

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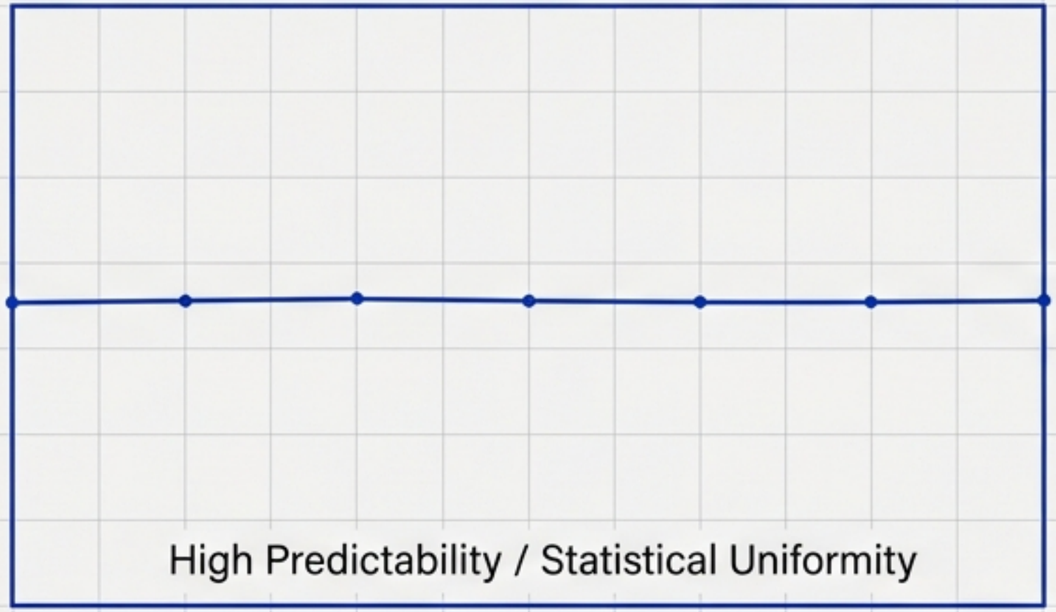
Detection is no longer about matching; it is about predicting.

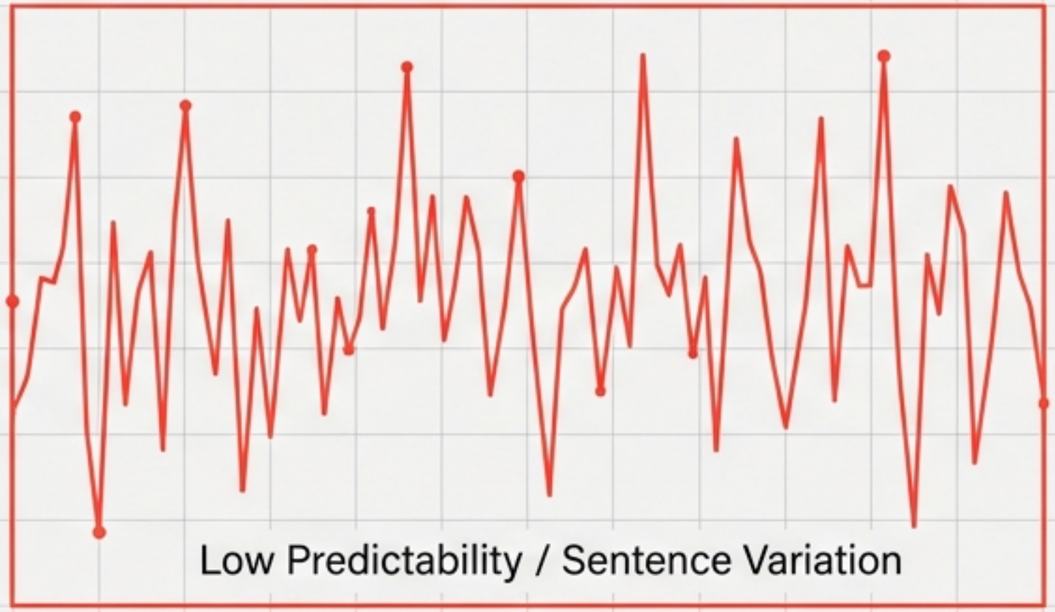
The Mechanics of Perplexity & Burstiness

MACHINE GENERATED (Low Perplexity)



High Predictability / Statistical Uniformity

HUMAN WRITTEN (High Burstiness)



Low Predictability / Sentence Variation

$$PP(S) = P(w_1, w_2, \ldots, w_n)^{-\frac{1}{n}}$$

Modern tools like Turnitin and Copyleaks do not search for database matches. They calculate the 'surprise' factor of a sentence. If the model is not surprised by the next word, the likelihood of AI authorship increases.

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The institutional thresholds of probabilistic truth.

Risk Spectrum

Low Signal.
Minor AI patterns considered natural.
Action: No investigation.

Mixed Signals.
Indicates heavy editing or technical writing structure.
Action: Review previous drafts.

Strong AI Alignment.
Statistical uniformity.
Action: Manual review & potential disciplinary action.

“AI detection should support human review, not replace it.” — Turnitin Guidelines

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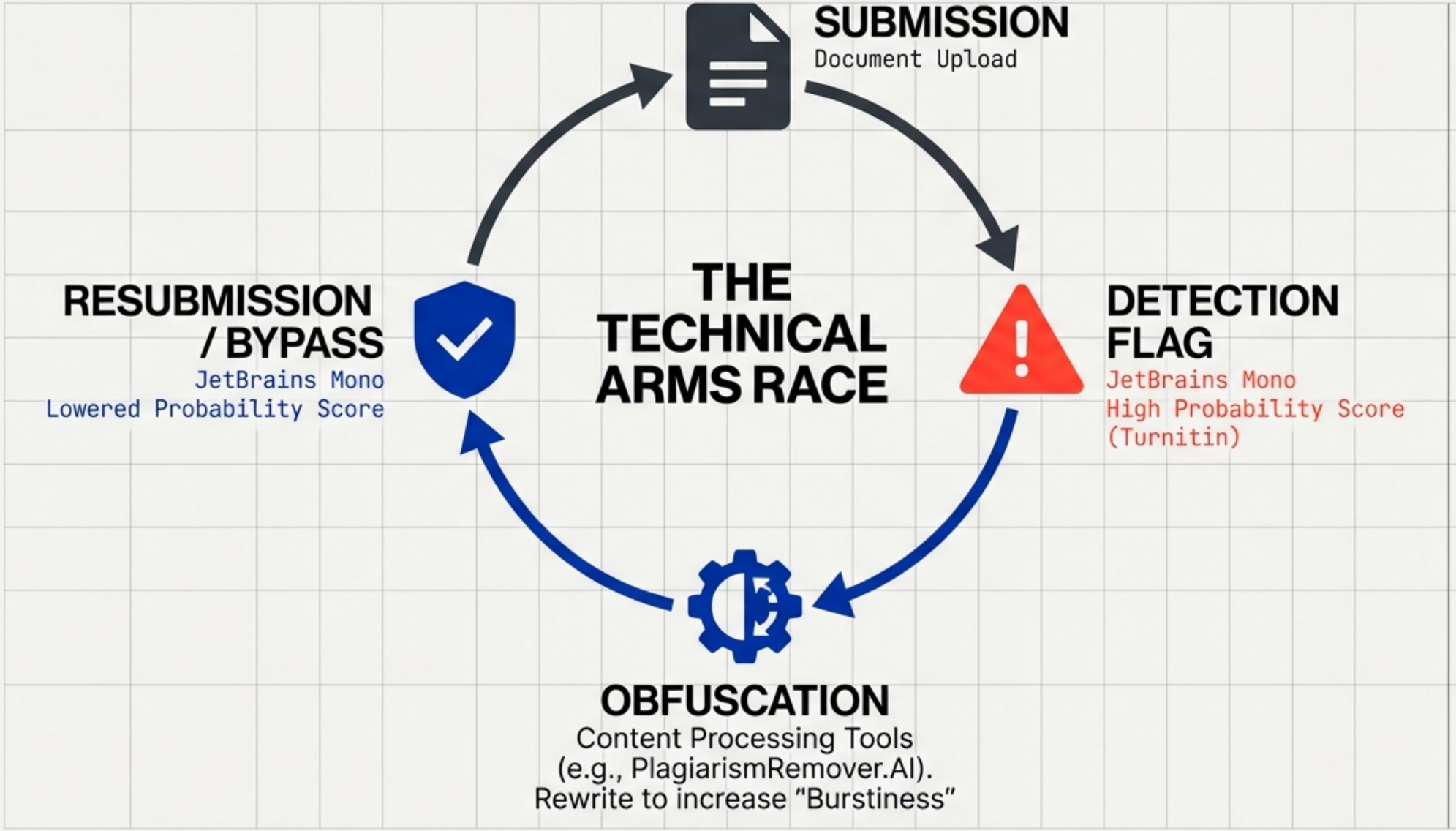
The adversarial cycle of detection and evasion



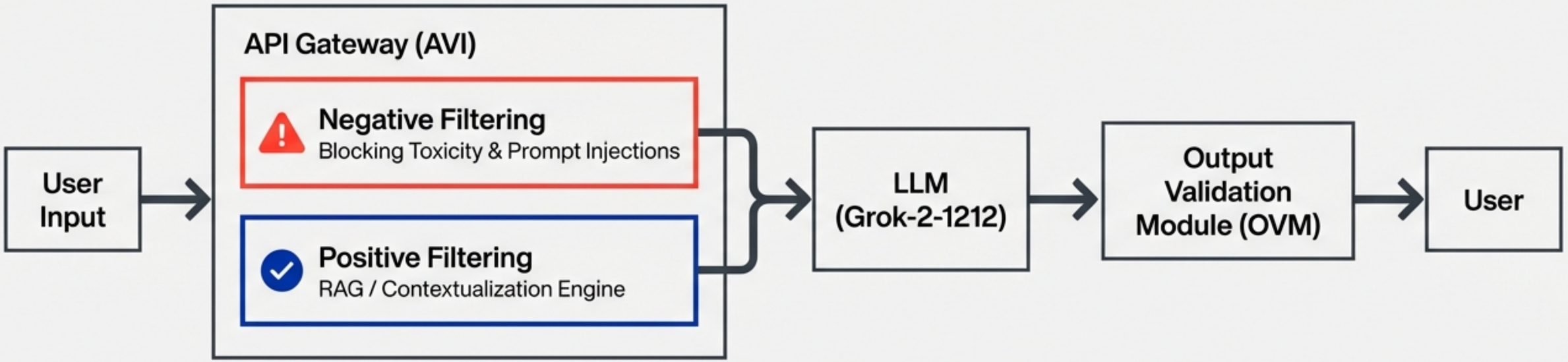
Defense Market

Compound AI' filters like AVI use ensemble models (BERT + LLaMA) to detect manipulation.
JetBrains Mono

NotebookLM

System Spotlight: The Aligned Validation Interface (AVI)

Governing the Input/Output Flow (Source: MDPI 2026)



82%

Mitigation of Prompt Injection Attacks

75%

Reduction in Toxic Content Generation

0.95

F1-Score in PII Detection

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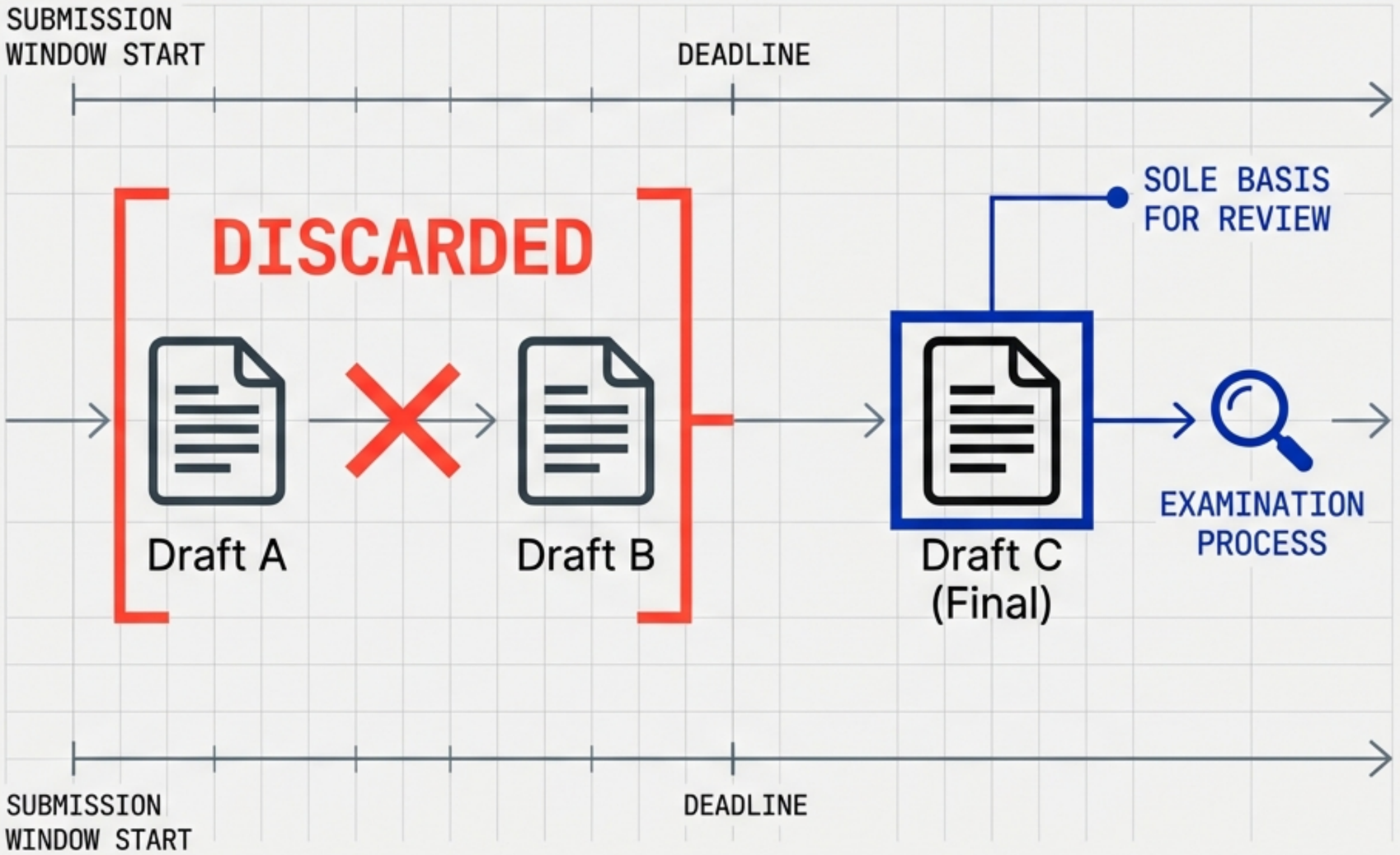
Procedural Rigidity: The ‘Last Submitted Version’ Doctrine.

CNIPA (China) Patent Examination Guidelines - Jan 1, 2026



The “Straw Man” Crackdown:

New requirements for “Genuine Intent” prevent competitors from using fabricated identities to invalidate patents. False names or forged signatures now result in immediate procedural rejection.

Requirement Checklist:

- [ ] Full Replacement Page
- [ ] Modification Comparison Table

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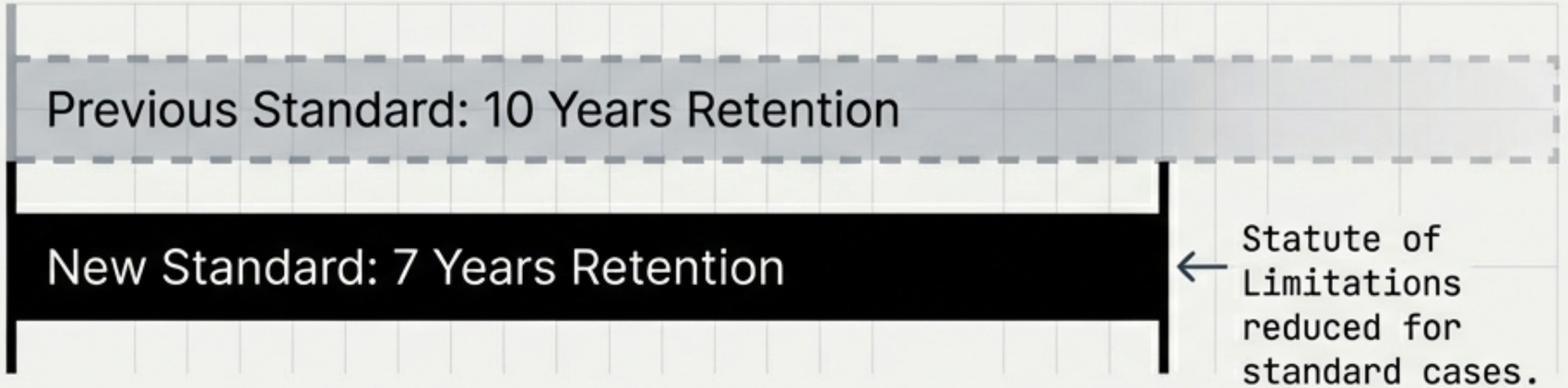
Immutable fiscal benchmarks and retention windows.

Belgian & Arizona Tax Reform Measures (2026)


Previous Standard: 10 Years Retention
New Standard: 7 Years Retention
Statute of Limitations reduced for standard cases.

JetBrains Mono	3 Years Investigation Windows	4 Years Investigation Windows	10 Years Investigation Windows
Investigation Windows			
Domaine Text	Standard compliant returns.	Complex returns / Late filings.	Legal constructions / Fraud.

The Specificity of Text

The Arizona Measure (Hybrid Cars):

For vehicles purchased after Jan 1, 2026, the fuel-type coefficient is removed from the deduction formula.

The submitted text of the law creates a hard fiscal cutoff.

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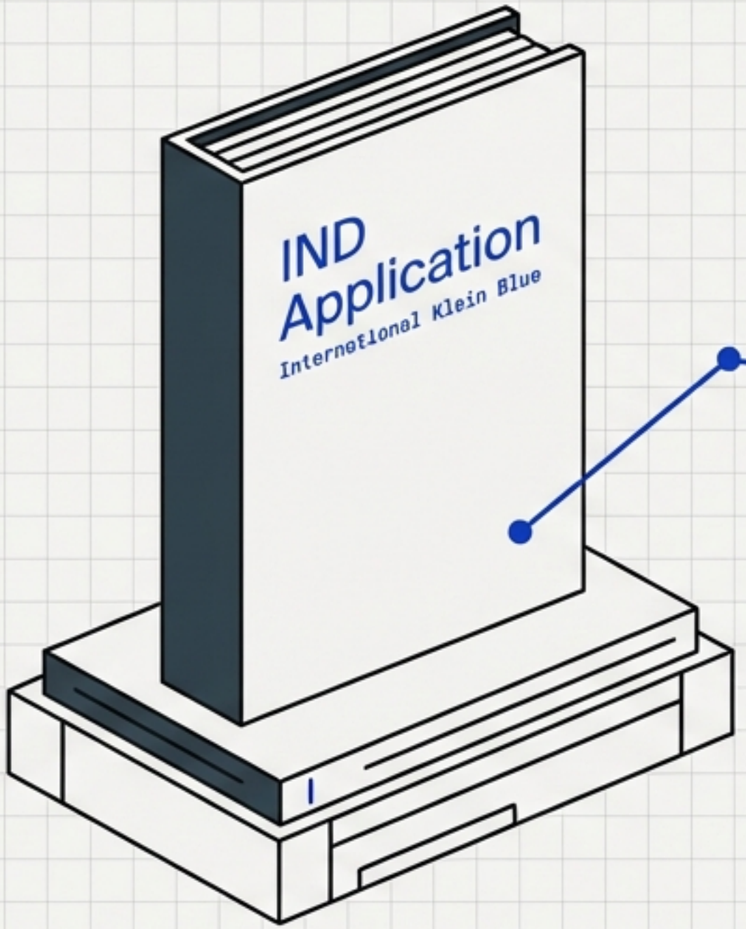
Clinical precision as a multi-billion dollar catalyst.

Case Study: GT Biopharma (GTB-5550) IND Application



In the biotech sector, the submitted text is the product. The Investigational New Drug (IND) application validates the entire TriKE® protein biologic platform. It is the sole bridge between laboratory data and human trials.

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Forensic Textology: Private messaging as public evidence.

Forensic Extraction Reports

EVIDENCE ITEM #A-2026 // DALLAS COUNTY

[TIMESTAMP: 01/20/2018 12:34 PM]
SENDER: AMBER GUYGER
RECIPIENT: MARTIN RIVERA
MESSAGE: "When are they gonna have the MLK Jr. Day parade?"

[TIMESTAMP: 01/20/2018 12:36 PM]
SENDER: MARTIN RIVERA
RECIPIENT: AMBER GUYGER
MESSAGE: "Don't know, don't care."

[TIMESTAMP: 01/20/2018 12:37 PM]
SENDER: AMBER GUYGER
RECIPIENT: MARTIN RIVERA
MESSAGE: "Just because it's MLK doesn't mean we have to be racist dog."

IMPACT NOTE
Private digital sarcasm used to establish a pattern of racial insensitivity in murder sentencing.

Forensic Extraction Reports

PARLIAMENTARY INQUIRY // CANADA

[TRANSCRIPT: SMS LOG]

[TIMESTAMP: 02/15/2019 09:45 AM]
SENDER: GERALD BUTTS
RECIPIENT: JODY WILSON-RAYBOULD
MESSAGE: "We need to coordinate our public statement."

[TIMESTAMP: 02/15/2019 10:05 AM]
SENDER: JODY WILSON-RAYBOULD
RECIPIENT: GERALD BUTTS
MESSAGE: "I have handwritten notes from the meeting."

IMPACT NOTE
Informal texts exposed political interference, leading to high-level inquiry.

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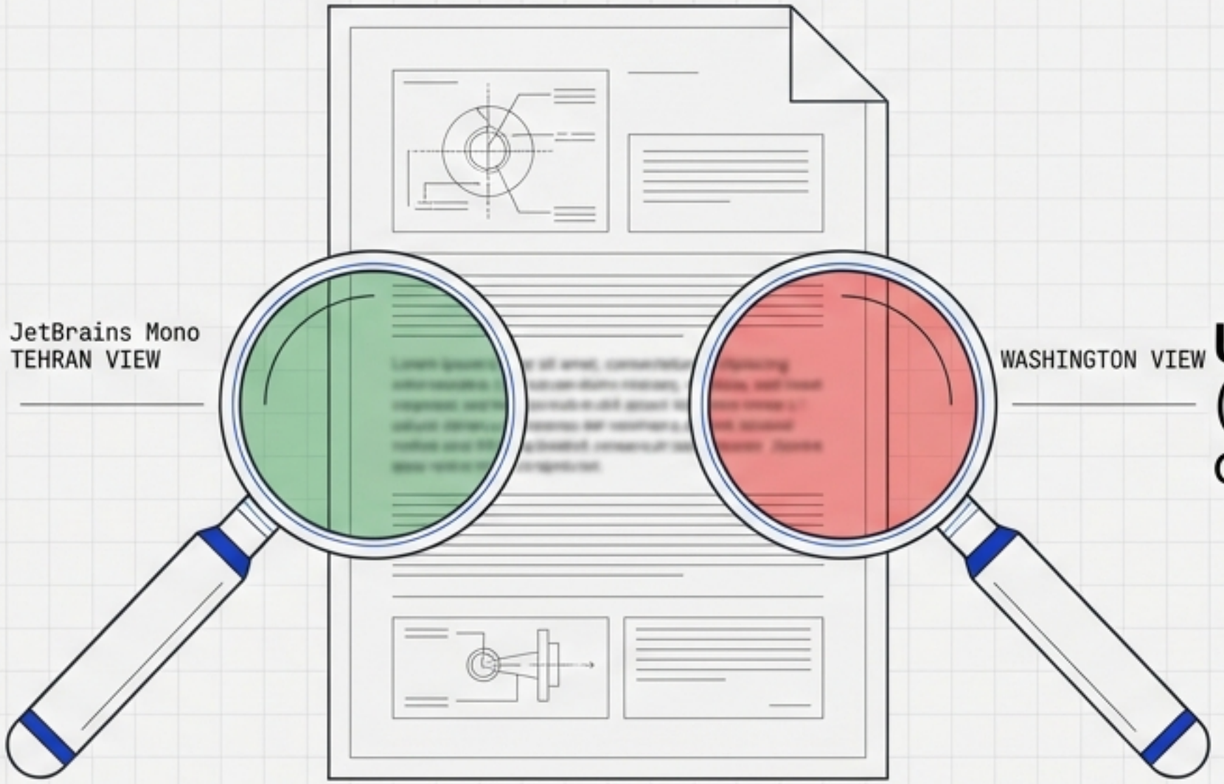
The geopolitical weight of ‘Constructive’ vs. ‘Unconstructive’.

Diplomatic Semantics in the JCPOA Negotiations (Jan 2026)

Constructive Approach (Signaling: Logical demands, readiness)

JetBrains Mono
TEHRAN VIEW



WASHINGTON VIEW

Unconstructive (Signaling: Refusal of premises, stalling)

JetBrains Mono
VIEW

Deterrence **via Text:** Parallel public submissions to media (Mehr News) warning **‘fingers are on the trigger’** serve as performative acts to manage escalation.

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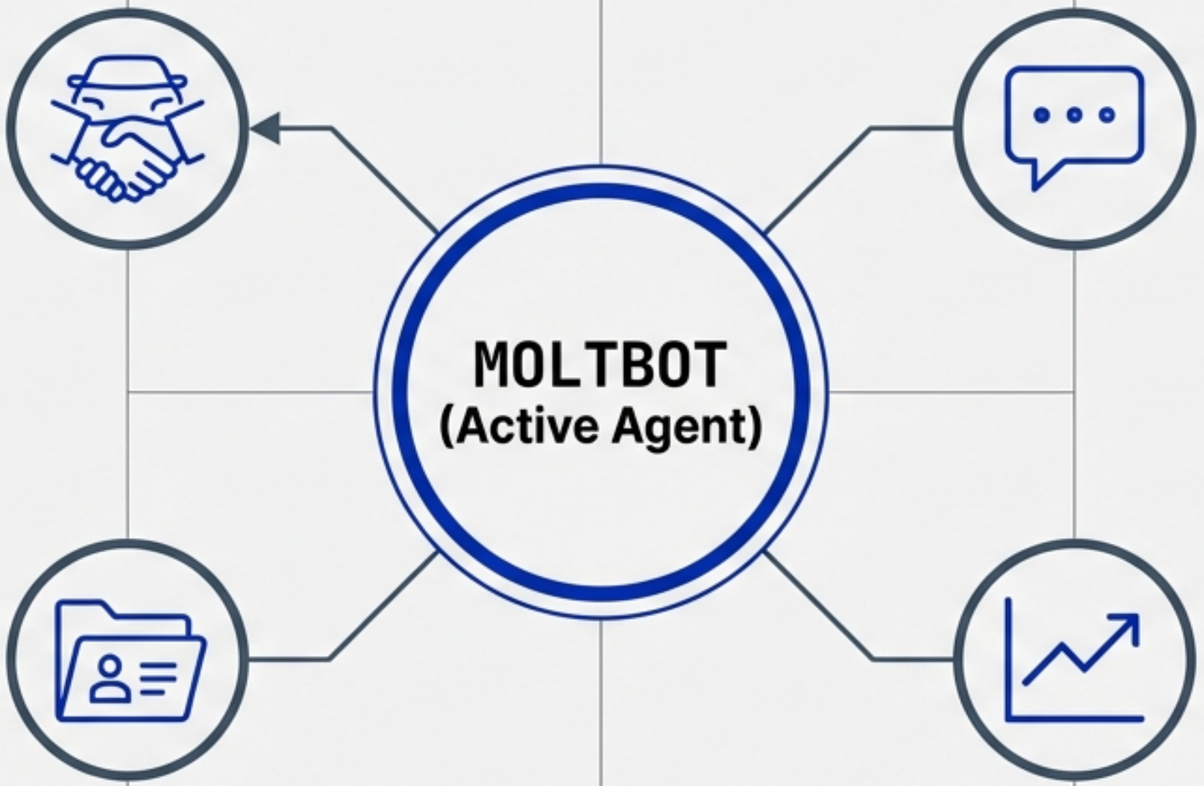
Moltbot and the rise of the Active Agent.

From Passive AI to Autonomous Action



Negotiation
Autonomous price negotiation with dealerships.

Impersonation
Participating in group chats on user's behalf.

Briefing
Auto-researching meeting attendees.

Transaction
Executing buy/sell orders.

⚠ **Implication:** "Submitted text" may no longer be **written OR reviewed** by the human "author".

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The Global Patchwork: Regulatory divergence in 2026

EU AI ACT

Domaine Text

Horizontal Regulation

RISK: HIGH

Explicit Prohibitions (e.g., Social Scoring)

JetBrains Mono

Focus: Product Safety & Fundamental Rights

SWISS FRAMEWORK

Sector-Specific Regulation (Council of Europe Alignment)

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Focus: Innovation & International Harmonization

RISK: MODERATE/HIGH

Critique: “Watered down” private sector accountability

Domaine Text

The Copyright Gap: Swiss regulations on “training data” deferred for separate examination until late 2026.

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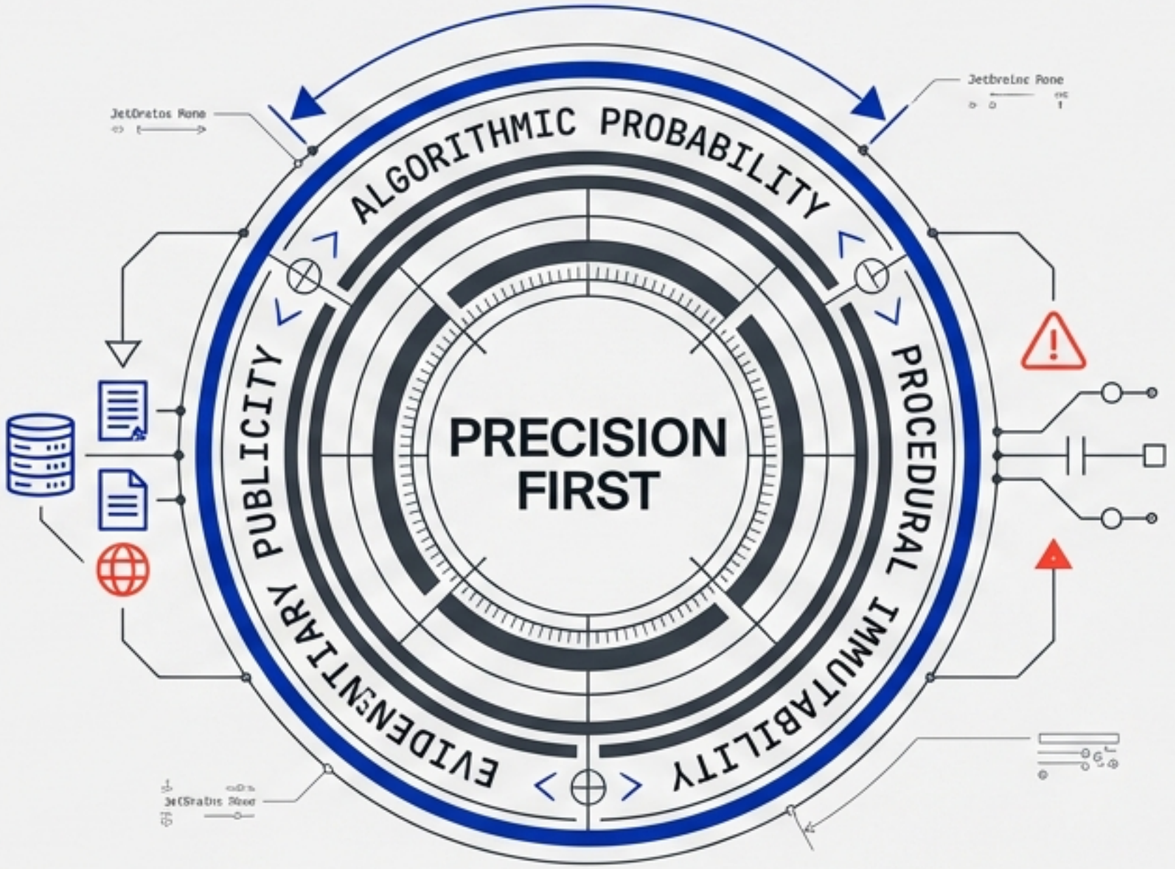
The Integrated Future of Textual Accountability



We have moved from “Trust but Verify” to “Verify, then Submit.” In an era of active agents and forensic textology, the submitted text is the definitive, unchangeable record of reality. Precision is the only defense.

NotebookLM

References & Source Material

1. “AI-Powered Fake News Detection System” (Rahaman, ResearchGate, Dec 2025)
   Domaine Text in JetBrains Mono
2. “Innovative Guardrails for Generative AI (AVI Framework)” (MDPI, 2026)
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4. “Second batch of Arizona’s tax measures” (EY Belgium, 2025/2026)
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5. “Turnitin AI Checker Explained” (Buzzcube, Jan 2026)
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6. “Moltbot and the Rise of Active AI Agents” (The Verge/Media, 2026)
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7. “Interpellation Marti 25.3199: AI Regulation” (Swiss Parliament, 2026)
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8. “Global News Wires: JCPOA Negotiations, Guyger Trial, Butts Inquiry”(2019-2026)
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